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United States Patent [19]

Uchikura

[11] **Patent Number:** 5,337,346[45] **Date of Patent:** Aug. 9, 1994[54] **PORTABLE TELEPHONE APPARATUS
INCLUDING ELECTRONIC NOTEBOOK
FUNCTION**[75] **Inventor:** Takao Uchikura, Ome, Japan[73] **Assignee:** Casio Computer Co., Ltd., Tokyo,
Japan[21] **Appl. No.:** 951,455[22] **Filed:** Sep. 25, 1992[30] **Foreign Application Priority Data**

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[51] **Int. Cl.⁵** H04M 11/00[52] **U.S. Cl.** 379/58; 379/61[58] **Field of Search** 379/58, 61, 155, 354,
379/355, 434; 370/29; 361/391[56] **References Cited****U.S. PATENT DOCUMENTS**

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[57]

ABSTRACT

In a portable telephone apparatus equipped with an electronic notebook function, a telephone operation key such as a dialing key is mounted on an upper surface of an openable/closable member mounted on an upper surface of a case body, whereas electronic notebook operation keys such as a character input key are provided at a region of a surface of the case body covered by the openable/closable member, and also at a rear surface of the openable/closable member. The portable telephone apparatus further includes a switch for detecting an opening/closing state of the openable/closable member, and a mode selecting unit for selecting a telephone mode and an electronic notebook mode in response to a detection signal derived from the detecting signal. Furthermore, a search key for searching storage data about the electronic notebook is employed on this upper surface of the openable/closable member. When this search key is operated, electronic notebook data such as telephone directory data constructed of one pair of a telephone number and a name, may be displayed on a display unit.

8 Claims, 9 Drawing Sheets